



Python - Set Methods

[< Previous](#)[Next >](#)

Set Methods

Python has a set of built-in methods that you can use on sets.

Method	Shortcut	Description
<u>add()</u>		Adds an element to the set
<u>clear()</u>		Removes all the elements from the set
<u>copy()</u>		Returns a copy of the set
<u>difference()</u>	-	Returns a set containing the difference between two or more sets
<u>difference_update()</u>	- =	Removes the items in this set that are also included in another, specified set
<u>discard()</u>		Remove the specified item
<u>intersection()</u>	&	Returns a set, that is the intersection of two other sets
<u>intersection_update()</u>	&=	Removes the items in this set that are not present in other, specified set(s)



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Exercises ▼



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<u>issubset()</u> .				<=					Returns True if all items of this set is present in another set
				<					Returns True if all items of this set is present in another, <i>larger</i> set
<u>issuperset()</u> .				>=					Returns True if all items of another set is present in this set
				>					Returns True if all items of another, <i>smaller</i> set is present in this set
<u>pop()</u> .									Removes an element from the set
<u>remove()</u> .									Removes the specified element
<u>symmetric_difference()</u> .				^					Returns a set with the symmetric differences of two sets
<u>symmetric_difference_update()</u> .				^=					Inserts the symmetric differences from this set and another
<u>union()</u> .									Return a set containing the union of sets
<u>update()</u> .				=					Update the set with the union of this set and others

< Previous

Next >

